

Equivalent of Form PTO/SB/08A (07-05)

Approved for use through 07/31/2006.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for Form PTO/SB/08A FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/725,542
				Filing Date	December 3, 2003
				First Named Inventor	Greg L. Cannon
				Art Unit	2624
				Examiner Name	Joseph Mancuso
Sheet	1	of	1	Attorney Docket	1823.0820006

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/D.M./	US17	4,106,078	08-08-1978	Inoue	
/D.M./	US18	5,243,459	09-07-1993	Winston <i>et al.</i>	
/D.M./	US19	5,745,591	04-28-1998	Feldman	
/D.M./	US20	7,081,951 B2	07-25-2006	Carver <i>et al.</i>	
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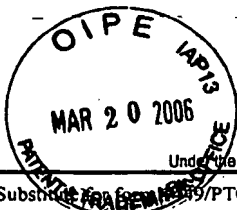
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
	FP				
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	FP				

Examiner Signature	/Daniel Mariam/	Date Considered	07/03/2007
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



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Substitute for PTO THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/725,542
				Filing Date	December 3, 2003
				First Named Inventor	Greg L. Cannon
				Art Unit	2621
				Examiner Name	Joseph Mancuso
				Attorney Docket	1823.0820006
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/D.M./ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	US1	3,581,282	05-1971	Altman, Norman G.	
	US2	4,684,802	08-1987	Hakenewerth et al.	
	US3	4,783,167	11-1988	Schiller et al.	
	US4	4,792,226	12-1988	Fishbine et al.	
	US5	4,794,260	12-1988	Asano et al.	
	US6	5,146,102	09-1992	Higuchi et al.	
	US7	5,629,764	05-1997	Bahuguna et al.	
	US8	5,761,330	06-1998	Stoianov et al.	
	US9	5,892,599	04-1999	Bahuguna, R. D.	
	US10	6,198,836	03-2001	Hauke	
	US11	6,928,195	08-2005	Scott et al.	
	US12	6,993,165	01-2006	McClurg et al.	
	US13	2003-0142856 A1	07-2003	McClurg et al.	
	US14	2003-0197853 A1	10-2003	Fenrich, Richard	
	US15	2003-0206287 A1	11-2003	McClurg et al.	
/D.M./	US16	2005-0105078 A1	05-2005	Carver et al.	
	US17				
	US18				
	US19				
	US20				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code* Number* Kind Code* (if known)				
	FP1					
	FP2					
	FP3					
	FP4					
	FP5					
	FP6					
	FP7					
	FP8					
	FP9					

Examiner Signature	/Daniel Mariam/	Date Considered	07/03/2007
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Substitute for form 1449/PTO			Complete if Known	
THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	10/725,542
			Filing Date	December 3, 2003
			First Named Inventor	Greg L. Cannon
			Art Unit	2621
			Examiner Name	Joseph Mancuso
			Attorney Docket Number	1823.0820006
Sheet	1	of	1	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
/D.M./	NPL1	International Search Report and Written Opinion (dated July 13, 2005) related to PCT/US04/33400, filed Oct 12, 2004.	
	NPL2		
	NPL3		
	NPL4		
	NPL5		
	NPL6		
	NPL7		
	NPL8		
	NPL9		
	NPL10		

Examiner Signature	/Daniel Mariam/	Date Considered	07/03/2007
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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FORM PTO-1449

SECOND SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
1823.0820006APPLICATION NO.
10/725,542INVENTORS
Cannon *et al.*FILING DATE
December 3, 2003ART UNIT
2621

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
/D.M./	AG9	1,501,979	07/1924	Willson			
/D.M./	AH9	2,146,662	02/1939	Van Albada			
/D.M./	AI9	3,806,706	04/1974	Hasslinger <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN		
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EXAMINER

/Daniel Mariam/

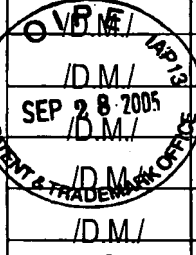
DATE CONSIDERED

07/03/2007

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FORM PTO-1449

ATTY. DOCKET NO.
1823.0820006APPLICATION NO.
10/725,542**SECOND SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**INVENTORS
Cannon *et al.*FILING DATE
December 3, 2003ART UNIT
2621**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
 I.D.M./ ↓ I.D.M./	AA10	4,215,274	07/1980	Segall			
	AB10	4,420,261	12/1983	Barlow <i>et al.</i>			
	AC10	4,461,576	07/1984	King			
	AD10	4,611,881	09/1986	Schmidt <i>et al.</i>			
	AE10	4,637,718	01/1987	Kirchner <i>et al.</i>			
	AF10	4,925,300	05/1990	Rachlin			
	AG10	5,677,763	10/1997	Redmond			
	AH10	5,825,474	10/1998	Maase			
	AI10	6,424,470 B1	07/2002	Lindner			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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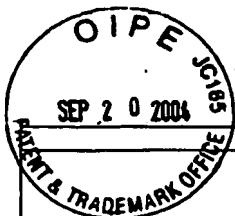
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DATE CONSIDERED

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**SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT**ATTY. DOCKET NO.
1823.0820006APPLICATION NO.
10/725,542INVENTORS
Cannon *et al.*FILING DATE
December 3, 2003ART UNIT
2623**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
/D.M./	AE9	6,021,007	02/2000	Murtha			
/D.M./	AF9	6,373,969 B1	04/2002	Adler			
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AK						Yes No
	AL						Yes No
	AM						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

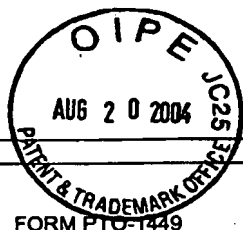
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	AQ	1	International Search Report from PCT Appl. No. PCT/US03/38536, filed December 4, 2003, 4 pages.
	AR		

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APPLICATION NO.
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INVENTORS
Cannon *et al.*

FILING DATE
December 3, 2003

ART UNIT
2623

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/D.M./	AA1	2,184,858	12/1939	Goodman			
	AB1	3,054,854	09/1962	Neasham			
	AC1	3,282,152	11/1966	Myer			
	AD1	3,333,502	08/1967	Flanagan			
	AE1	3,511,571	05/1970	Ogle			
	AF1	3,648,240	03/1972	Jacoby <i>et al.</i>			
	AG1	3,716,301	02/1973	Caulfield <i>et al.</i>			
	AH1	3,765,018	10/1973	Heard <i>et al.</i>			
/D.M./	AI1	3,804,524	04/1974	Jocoy <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
/D.M./	AJ1	WO 96/17480 A2&A3	06/1996	PCT			N/A
/D.M./	AK1	JP 3-161884	07/1991	JP			No
	AL1						Yes No
	AM1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

/D.M./	AN	1	International Search Report from PCT Appl. No. PCT/US03/38644, filed December 5, 2003, 3 pages.
/D.M./	AO	1	English Abstract for Japanese Patent Publication No. 3-161884, published July 7, 1991, 1 page, from http://v3.espacenet.com/ .
/D.M./	AP	1	McClurg <i>et al.</i> , U.S. Patent Appl. No. 10/725,543, filed December 3, 2003, entitled "System Having a Rotating Optical System and a Non-Planar Prism that are Used to Obtain Print and Other Hand Characteristic Information," 41 pages.
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2623

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/D.M./	AA2	3,882,462	05/1975	McMahon			
	AB2	4,032,889	06/1977	Nassimbene			
	AC2	4,128,837	12/1978	Page			
	AD2	4,180,306	12/1979	Duhrkoop <i>et al.</i>			
	AE2	4,206,441	06/1980	Kondo			
	AF2	4,206,556	06/1980	Sabo <i>et al.</i>			
	AG2	4,357,597	11/1982	Butler			
	AH2	4,387,365	06/1983	Berry <i>et al.</i>			
/D.M./	AI2	4,414,684	11/1983	Blonder			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AK2						Yes No
	AL2						Yes No
	AM2						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/D.M./	AA3	4,467,545	08/1984	Shaw, Jr.			
	AB3	4,578,793	03/1986	Kanee <i>et al.</i>			
	AC3	4,688,092	08/1987	Kamel <i>et al.</i>			
	AD3	4,701,960	10/1987	Scott			
	AE3	4,720,869	01/1988	Wadia			
	AF3	4,736,203	04/1988	Sidlauskas			
	AG3	4,736,436	04/1988	Yasukawa <i>et al.</i>			
V	AH3	4,751,660	06/1988	Hedley			
/D.M./	AI3	4,751,759	06/1988	Zoell			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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/D.M./	AA4	4,774,516	09/1988	Henri <i>et al.</i>			
	AB4	4,790,025	12/1988	Inoue <i>et al.</i>			
	AC4	4,805,117	02/1989	Fiore <i>et al.</i>			
	AD4	4,821,118	04/1989	Lafreniere			
	AE4	5,140,469	08/1992	Lamarre <i>et al.</i>			
	AF4	5,225,924	07/1993	Ogawa <i>et al.</i>			
	AG4	5,249,370	10/1993	Stanger <i>et al.</i>			
	AH4	5,307,264	04/1994	Waggener <i>et al.</i>			
/D.M./	AI4	5,309,274	05/1994	Akanabe			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AK4						Yes No
	AL4						Yes No
	AM4						Yes No

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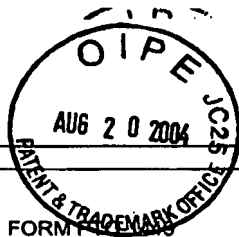
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/D.M./	AA5	5,313,306	05/1994	Kuban <i>et al.</i>			
	AB5	5,367,399	11/1994	Kramer			
	AC5	5,377,002	12/1994	Malin <i>et al.</i>			
	AD5	5,440,428	08/1995	Hegg <i>et al.</i>			
	AE5	5,452,135	09/1995	Maki <i>et al.</i>			
	AF5	5,469,289	11/1995	Iwao <i>et al.</i>			
	AG5	5,526,436	06/1996	Sekiya			
	AH5	5,528,355	06/1996	Maase <i>et al.</i>			
/D.M./	AI5	5,588,097	12/1996	Ono <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ5						Yes No
	AK5						Yes No
	AL5						Yes No
	AM5						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN	5	
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	AP	5	
	AQ	5	
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U.S. PATENT DOCUMENTS

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/D.M./	AA6	5,610,751	03/1997	Sweeney <i>et al.</i>			
	AB6	5,638,461	06/1997	Fridge			
	AC6	5,650,842	07/1997	Maase <i>et al.</i>			
	AD6	5,677,782	10/1997	Peng			
	AE6	5,699,186	12/1997	Richard			
	AF6	5,777,751	07/1998	Ward			
	AG6	5,796,426	08/1998	Gullichsen <i>et al.</i>			
	AH6	5,798,923	08/1998	Laskowski			
/D.M./	AI6	5,937,102	08/1999	Jin			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ6						Yes No
	AK6						Yes No
	AL6						Yes No
	AM6						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN	6	
	AO	6	
	AP	6	
	AQ	6	
	AR	6	

EXAMINER

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1823.0820006APPLICATION NO.
10/725,542INVENTORS
Cannon *et al.*FILING DATE
December 3, 2003ART UNIT
2623

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/D.M./	AA7	6,038,332	03/2000	Fishbine <i>et al.</i>			
	AB7	6,041,134	03/2000	Merjanian			
	AC7	6,046,867	04/2000	Rana			
	AD7	6,175,407 B1	01/2001	Sartor			
	AE7	6,198,429 B1	03/2001	Fujikawa <i>et al.</i>			
	AF7	6,243,488 B1	06/2001	Penna			
	AG7	6,341,028 B1	01/2002	Bahuguna <i>et al.</i>			
	AH7	6,394,356 B1	05/2002	Zagami			
/D.M./	AI7	6,411,441 B1	06/2002	Videen			

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	AJ7						Yes No
	AK7						Yes No
	AL7						Yes No
	AM7						Yes No

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/D.M./	AA8	6,415,064 B1	07/2002	Oh			
	AB8	6,459,451 B2	10/2002	Driscoll, Jr. <i>et al.</i>			
	AC8	6,466,686 B2	10/2002	Senior			
	AD8	6,496,608 B1	12/2002	Chui			
	AE8	6,616,065 B2	09/2003	Martin			
	AF8	2002/0049714 A1	04/2002	Yamazaki <i>et al.</i>			
	AG8	2002/0141620 A1	10/2002	Monden			
	AH8	2003/0012417 A1	01/2003	Hamid			
/D.M./	AI8	2003/0099022 A1	05/2003	Karin <i>et al.</i>			

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	AJ8						Yes No
	AK8						Yes No
	AL8						Yes No
	AM8						Yes No

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	AR	8	

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
/D.M./	AA9	2004/0109245 A1	06/2004	McClurg <i>et al.</i>			
↓	AB9	2004/0109589 A1	06/2004	McClurg <i>et al.</i>			
↓	AC9	2004/0109591 A1	06/2004	McClurg <i>et al.</i>			
/D.M./	AD9	2004/0114785 A1	06/2004	McClurg <i>et al.</i>			
	AE9						
	AF9						
	AG9						
	AH9						
	AI9						

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	AJ9						Yes
							No
	AK9						Yes
							No
	AL9						Yes
							No
	AM9						Yes
							No

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	AO	9	
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	AQ	9	
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